

### Claims

1. A device (1) for inserting implants (10) in the  
5 form of cylinders of small diameter, comprising  
gripping means (2), a trocar (3) fixed at its  
proximal end (4) to the gripping means (2), and a  
push rod (5) mounted so as to slide through the  
trocar (3) and the gripping means (2),  
10 characterized in that the gripping means (2)  
include a rotary element (6) defining an axis of  
rotation (7) parallel to the trocar axis (8) and  
comprising a plurality of tubular elements (9)  
arranged around said axis of rotation (7) and  
15 mounted so as to be able to be aligned  
successively with the trocar (3), said rotary  
element (6) forming an integral part of the  
gripping means (2) and extending along most of the  
length of said gripping means, each tubular  
20 element (9) being designed to contain at least one  
implant.
2. The device as claimed in claim 1, characterized in  
that each tubular element (9) forms a part  
25 distinct from the rest of the rotary element (6).
3. The device as claimed in claim 2, characterized in  
that each tubular element (9) can be inserted into  
the rotary element (6).
- 30 4. The device as claimed in claim 2 or 3,  
characterized in that it comprises means (12, 13)  
which prevent withdrawal of the tubular elements  
(9) from the rotary element (6).
- 35 5. The device as claimed in any one of the preceding  
claims, characterized in that it comprises means  
for viewing the passage of the implants which are

located in the tubular element (9) aligned with the trocar (3).

- 5 6. The device as claimed in the preceding claim, characterized in that the means for viewing the passage of the implants comprise a window (14).
- 10 7. The device as claimed in any one of the preceding claims, characterized in that the gripping means (2) have a flattened section (15).
- 15 8. The device as claimed in any one of the preceding claims, characterized in that the rotary element (6) comprises a knurled wheel (16).
- 20 9. The device as claimed in any one of the preceding claims, characterized in that each tubular element (9) includes means (11) for retaining the implants (10) when the device (1) is at rest.
- 25 10. The device as claimed in the preceding claim, characterized in that the means for retaining the implants are composed of a flexible tongue (11) arranged inside the tubular elements (9).
- 30 11. The device as claimed in any one of the preceding claims, characterized in that it comprises means which retain the rotary element (6) and prevent withdrawal of the rotary element (6) once the latter has been placed in the gripping means (2).